1. Record Nr. UNISA996392092003316

Titolo	By the King, a proclamation, for the careful custody and well-ordering of the New River, brought from Chadwell and Amwell to the north-part of the City of London [[electronic resource]]
Pubbl/distr/stampa	London, : printed by John Baskett, printer to the Kings most excellent Majesty, and by the assigns of Thomas Newcomb, and Henry Hills, deceas'd, 1715
Descrizione fisica	1 sheet ([1] p.)
Altri autori (Persone)	George, King of Great Britain, <1660-1727.>
Soggetti	Inland navigation - Great Britain Great Britain History George I, 1714-1727 Early works to 1800
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Given at our court at St. James's the twenty ninth day of March, 1715.". Steele notation: Fourth that Dis-. Press figure A under imprint. Arms has unicorn's tail in three points and a motto. Reproduction of original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr. UNINA9910437919903321

Autore	Suresh Sundaram
Titolo	Supervised learning with complex-valued neural networks / / Sundaram Suresh, Narasimhan Sundararajan, and Ramasamy Savitha
Pubbl/distr/stampa	Heidelberg ; ; New York, : Springer, c2013
ISBN	9783642294914 364229491X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XXII, 170 p.)
Collana	Studies in computational intelligence, , 1860-949X ; ; 421
Altri autori (Persone)	SundararajanNarasimhan SavithaRamasamy
Disciplina	006.31
Soggetti	Supervised learning (Machine learning) Neural networks (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Fully Complex-valued Multi Layer Perceptron Networks -- Fully Complex-valued Radial Basis Function Networks -- Performance Study on Complex-valued Function Approximation Problems -- Circular Complex-valued Extreme Learning Machine Classifier -- Performance Study on Real-valued Classification Problems -- Complex-valued Self-regulatory Resource Allocation Network -- Conclusions and Scope for FutureWorks (CSRAN).
Sommario/riassunto	Recent advancements in the field of telecommunications, medical imaging and signal processing deal with signals that are inherently time varying, nonlinear and complex-valued. The time varying, nonlinear characteristics of these signals can be effectively analyzed using artificial neural networks. Furthermore, to efficiently preserve the physical characteristics of these complex-valued signals, it is important to develop complex-valued neural networks and derive their learning algorithms to represent these signals at every step of the learning process. This monograph comprises a collection of new supervised learning algorithms along with novel architectures for complex-valued neural networks. The concepts of meta-cognition equipped with a self-regulated learning have been known to be the best human learning strategy. In this monograph, the principles of meta-cognition have

been introduced for complex-valued neural networks in both the batch and sequential learning modes. For applications where the computation time of the training process is critical, a fast learning complex-valued neural network called as a fully complex-valued relaxation network along with its learning algorithm has been presented. The presence of orthogonal decision boundaries helps complex-valued neural networks to outperform real-valued networks in performing classification tasks. This aspect has been highlighted. The performances of various complex-valued neural networks are evaluated on a set of benchmark and real-world function approximation and real-valued classification problems.